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PTO/SB/21 (09-06)

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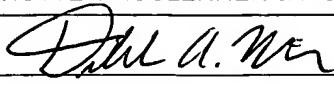
Total Number of Pages in This Submission

Application Number	10/561,413-Conf. #8051
Filing Date	December 19, 2005
First Named Inventor	Kyung-Jin Yeum
Art Unit	N/A
Examiner Name	Not Yet Assigned
Attorney Docket Number	005363-3271

### ENCLOSURES (Check all that apply)

<input type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> After Allowance Communication to TC
<input type="checkbox"/> Fee Attached	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
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<input checked="" type="checkbox"/> Information Disclosure Statement	<input type="checkbox"/> Request for Refund	Copies of 5 Foreign patent documents and 4 Non-patent literature documents
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<input type="checkbox"/> Reply to Missing Parts/ Incomplete Application	<input type="checkbox"/> Landscape Table on CD	
<input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53	<b>Remarks</b>	

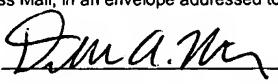
### SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm Name	NUTTER MCCLENNEN & FISH LLP		
Signature			
Printed name	Deborah A. Miller		
Date	November 29, 2006	Reg. No.	53,328

#### Transmittal

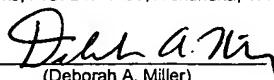
I hereby certify that this paper (along with any paper referred to as being attached or enclosed) is being deposited with the U.S. Postal Service on the date shown below with sufficient postage as First Class Mail, in an envelope addressed to: MS Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Dated: November 29, 2006

Signature:  (Deborah A. Miller)



I hereby certify that this correspondence is being deposited with the U.S. Postal Service with sufficient postage as First Class Mail, in an envelope addressed to: MS Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date shown below.

Dated: November 29, 2006 Signature:   
(Deborah A. Miller)

Docket No.: 5363-3271  
(PATENT)

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:  
Kyung-Jin Yeum

Application No.: 10/561,413

Confirmation No.: 8051

Filed: December 19, 2005

Art Unit: Not Yet Assigned

For: SYNERGISTIC EFFECT OF  
COMPOSITIONS COMPRISING  
CAROTENOIDS SELECTED FROM  
LUTEIN, BETA-CAROTENE AND  
LYCOPENE

Examiner: Not Yet Assigned

### INFORMATION DISCLOSURE STATEMENT (IDS)

MS Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Pursuant to 37 CFR 1.56, 1.97 and 1.98, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached PTO/SB/08. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

This Information Disclosure Statement is filed before the mailing date of a first Office Action on the merits as far as is known to the undersigned (37 CFR 1.97(b)(3)). It is submitted that the Information Disclosure Statement is in compliance with 37 CFR 1.98 and the Examiner is respectfully requested to consider the listed references.

Applicant has not submitted copies of each cited U.S. patent and U.S. patent application as required by 37 CFR 1.98(a)(2)(i), amended October 2004, as the U.S. Patent and Trademark

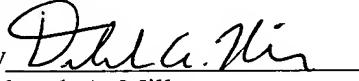
Office has waived this requirement for all U.S. patent applications. Applicant submits herewith copies of foreign and non-patents in accordance with 37 CFR 1.98(a)(2).

In accordance with 37 CFR 1.97(g), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made or that no other material information as defined in 37 CFR 1.56(a) exists. In accordance with 37 CFR 1.97(h), the filing of this Information Disclosure statement shall not be construed to be an admission that the information cited in the statement is, or is considered to be, material to patentability as defined in § 1.56 (b).

The Director is hereby authorized to charge any deficiency in the fees filed, asserted to be filed or which should have been filed herewith (or with any paper hereafter filed in this application by this firm) to our Deposit Account No. 141449, under Order No.5363-3271.

Dated: November 29, 2006

Respectfully submitted,

By   
Deborah A. Miller  
Registration No.: 53,328  
NUTTER MCCLENNEN & FISH LLP  
World Trade Center West  
155 Seaport Boulevard  
Boston, Massachusetts 02210-2604  
(617) 439-2863  
(617) 310-9863 (Fax)  
Agent for Applicant

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PTO/SB/08A/B (09-06)

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Substitute for form 1449/PTO				<i>Complete if Known</i>	
				Application Number	10/561,413-Conf. #8051
				Filing Date	December 19, 2005
				First Named Inventor	Kyung-Jin Yeum
				Art Unit	N/A
				Examiner Name	Not Yet Assigned
Sheet	1	of	1	Attorney Docket Number	005363-3271

<b>U.S. PATENT DOCUMENTS</b>					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			

<b>FOREIGN PATENT DOCUMENTS</b>					
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)			
		DE 101 09 798	09-12-2002	Aventis Pharma Deutschland GmbH	
		EP 0 981 969	03-01-2000	Basf Aktiengesellschaft	
		WO 01/17519	03-15-2001	Cognis Deutschland GmbH	
		WO 2004/108869	12-16-2004	Consejo Superior De Investigaciones Cientificas	
		WO 2005/027950	03-31-2005	Ray And Terry's Health Products, Inc.	

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.

<b>NON PATENT LITERATURE DOCUMENTS</b>					
Examiner Initials	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.			<sup>2</sup>
		Database WPI Section Ch, Week 200260, Derwent Publications Ltd., 05-09-2002			
		"Lutein Lycopene Carotene Complex Vegicaps", 03-03-1998, Online, URL: <a href="http://www.solgar.com/online_reference/beta_carotene/lutein.html">www.solgar.com/online_reference/beta_carotene/lutein.html</a>			
		KIOKIAS, S. et al., "Dietary Supplementation With A Natural Carotenoid Mixture Decreases Oxidative Stress", <i>European Journal Of Clinical Nutrition</i> , v. 57, pp. 1135-1140, 2003			
		STAHL, W. et al., "Carotenoid Mixtures Protect Multilamellar Liposomes Against Oxidative Damage: Synergistic Effects Of Lycopene And Lutein", <i>Febs Letters</i> , v. 427, pp. 305-308, 1998			

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>Applicant is to place a check mark here if English language Translation is attached.

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Examiner Signature		Date Considered	
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